

# Water is Heavy Activity Instructions



## After this activity, your students will know...

- How clean water gets to their home
- How water is transported in areas without a water system like ours

## Your students will learn by ...

- Creating artwork
- Seeing pictures/videos of children carrying water
- Exercising

## What you need:

- Water in a one gallon jug or smaller reusable water bottles
- Paper
- Crayons, pencils, or markers
- Scissors

## Background - What do we know about water?

- Where does the water that comes out of your faucet come from? Metro Water Services has a water treatment plant that cleans the water. Many people work there to clean your water. See how Metro Water Services cleans your water <https://youtu.be/72BbuXDcWOA>
- Water is heavy! Pick up the gallon jug of water. Now imagine what it would be like if you did not have a faucet in your house. In some countries, people – including children – have to walk a long way to get water. <https://www.waterforpeople.org/more-time-means-better-education/>

## Art time!

- Below is a chart showing how much water we use for some daily activities. Students will use this information to make playing cards.
  - Cut each piece of paper into 2 or 4 pieces (some students will need a larger piece or a smaller piece to draw on). Or reuse envelopes from junk mail.
  - On each piece of paper, draw a picture of each way you use water. Write the number of gallons it takes next to the picture.

Activity	Gallons of water you use	Do some math!
Brushing your teeth when you leave the faucet on	4	Brush your teeth twice a day
Flush the toilet	2	Flush three times a day
Cook a pot of spaghetti	1	Cook two pots
Taking a Shower	2 gallons per minute	Take a 5 minute shower
EnergyStar dishwasher	4 gallons	Wash two loads

## Activity time!

- Mix up the pieces of paper.
- Pull out one piece of paper and talk about what it says.
- Read the number of gallons on the piece of paper and carry the water jug (or bottle) around the room, or the yard, that many times.

## Share your drawing with Metro Water Services!

- Take a picture of the drawings and email it to [studentwatertours@nashville.gov](mailto:studentwatertours@nashville.gov)
- Post your picture on social media and tag us @NashvilleMWS